

Figure 1 - Martherus System

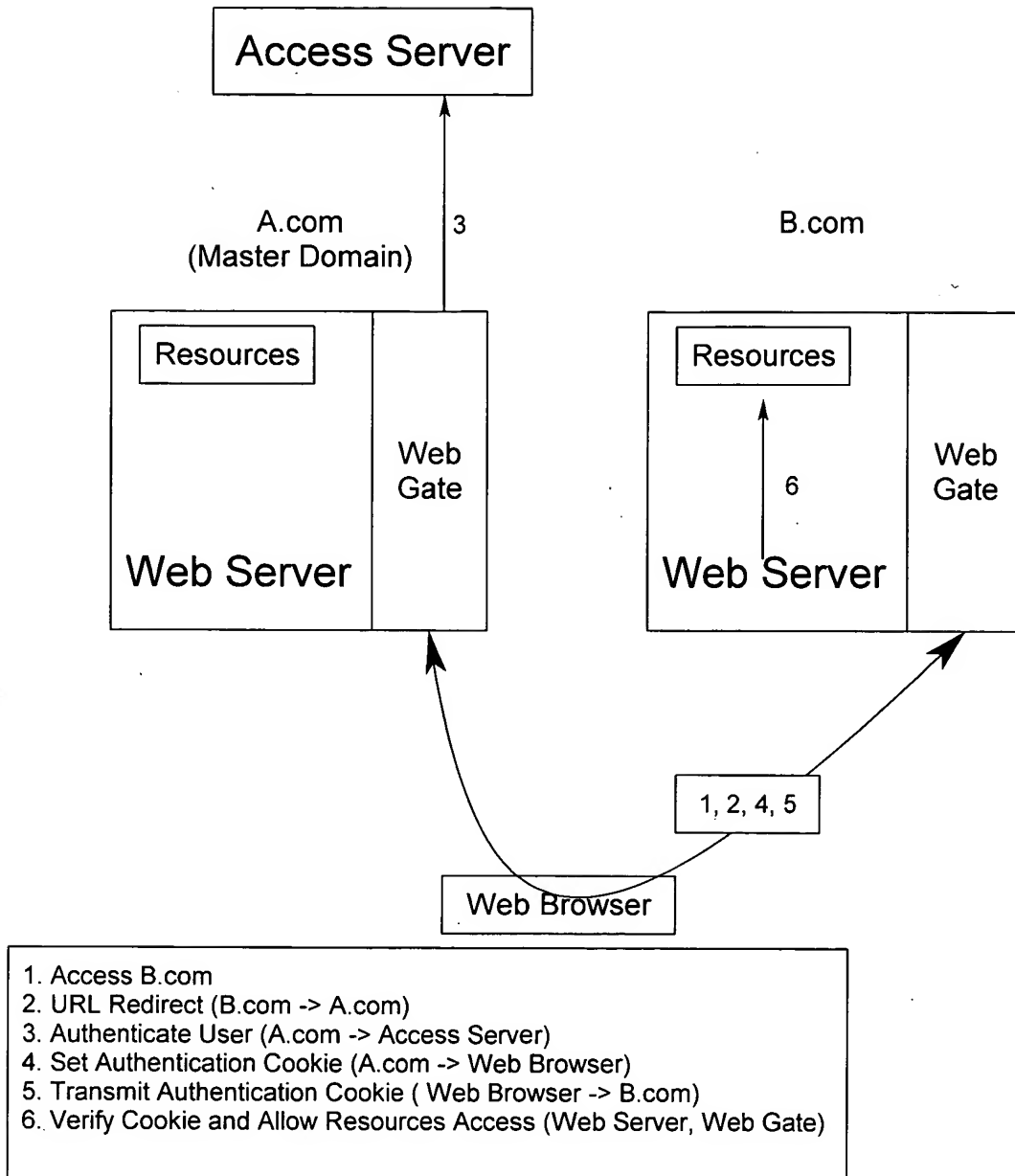


Figure 2 - Martherus Multiple Domains Authentication

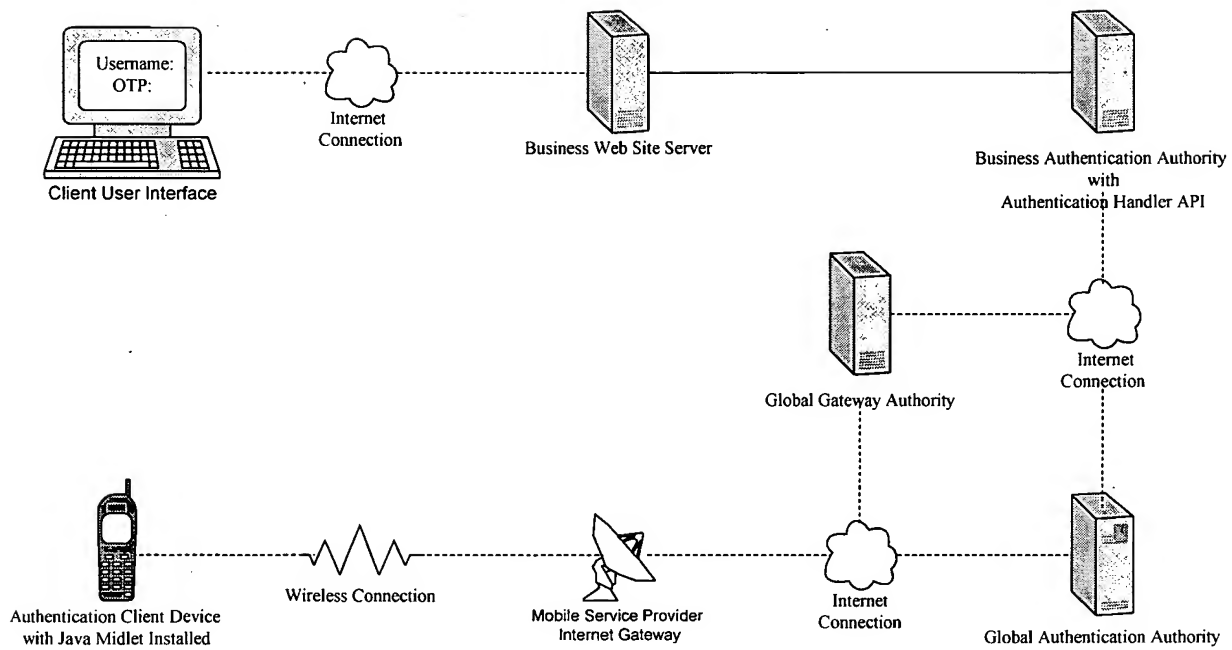
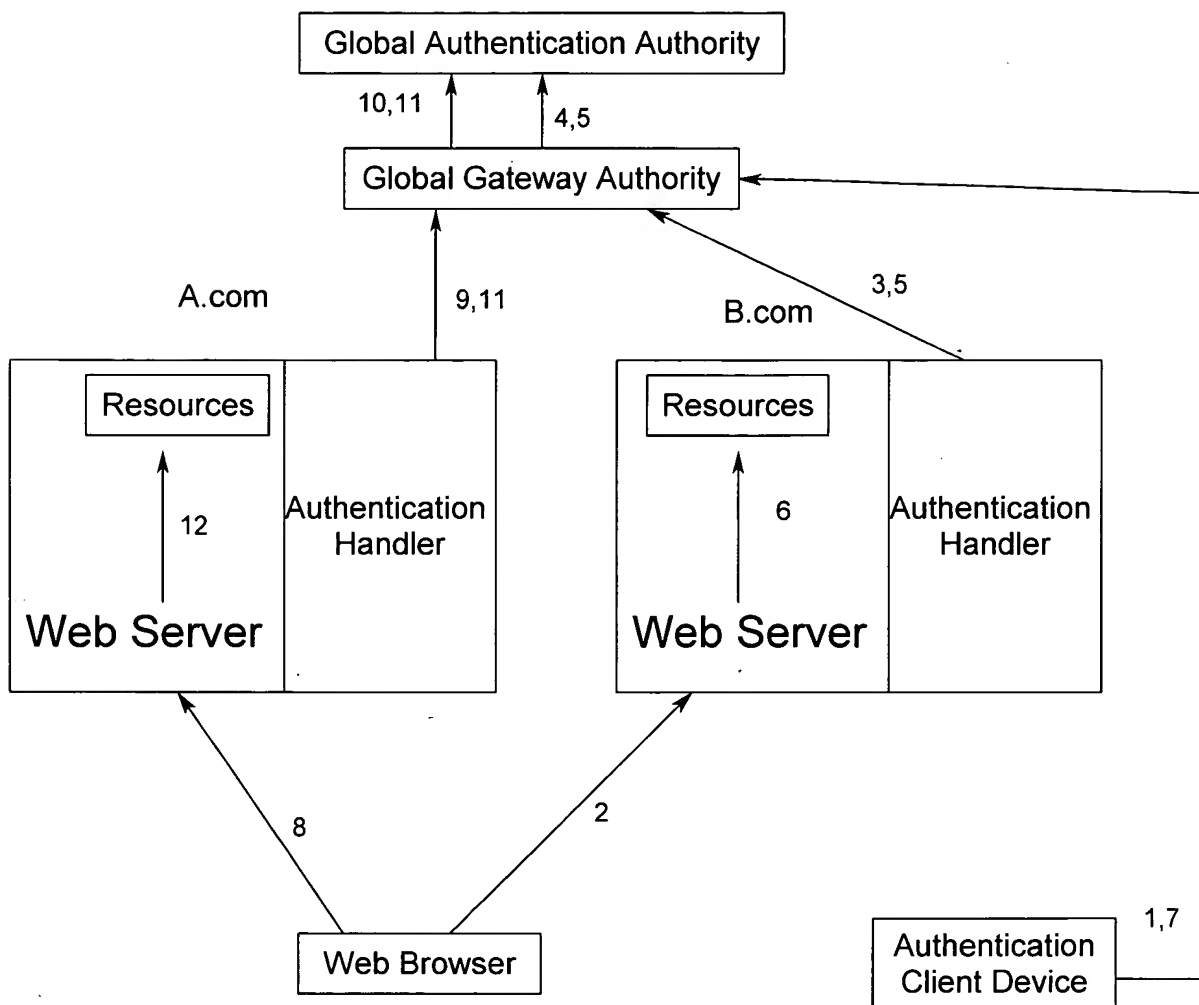


Figure 3 - Global Authentication Authority Architecture



1. Generate an OTP (Authentication Client Device -> Gateway Authority)
2. Access B.com and send OTP (Web Browser -> B.com)
3. Send OTP for Verification (B.com Authentication Handler -> Gateway Authority)
4. Verify OTP (Gateway Authority -> Authentication Authority)
5. Send back Verification Information (Authentication Authority -> Authentication Handler)
6. Allow Resources Access
7. Generate another OTP (Authentication Client Device -> Gateway Authority)
8. Access A.com and send OTP (Web Browser -> A.com)
9. Send OTP for Verification (A.com Authentication Handler -> Gateway Authority)
10. Verify OTP (Gateway Authority -> Authentication Authority)
11. Send back Verification Information (Authentication Authority -> Authentication Handler)
12. Allow Resources Access

Figure 4 - Authentication Authority Multiple Domains Authentication